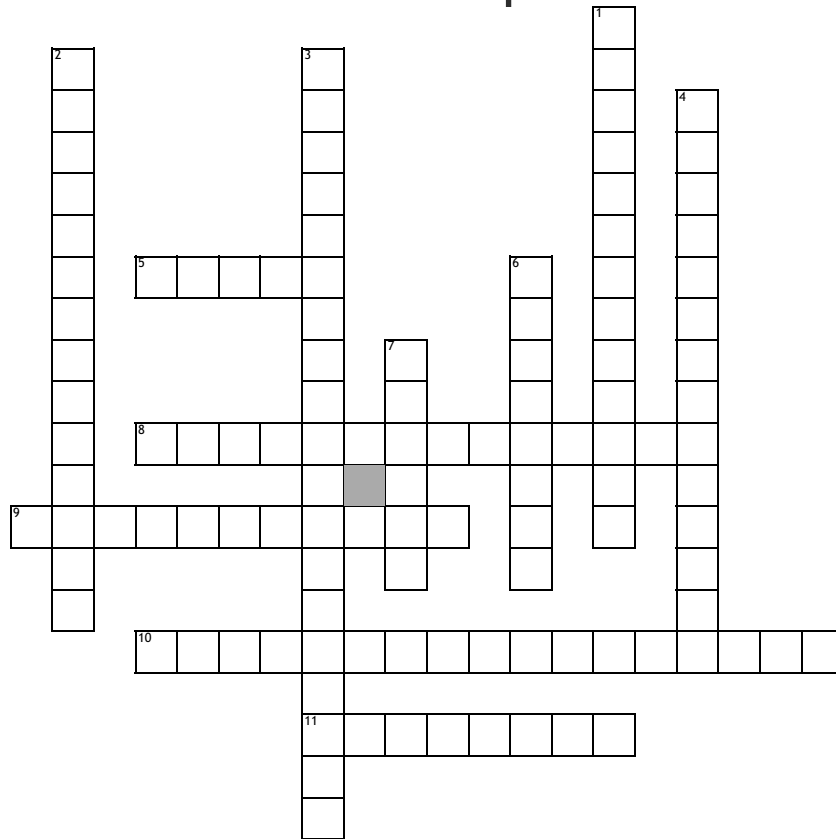


Solar Eclipse



Across

- 5. A complete shadow -- such as that of the moon or Earth -- within which the source of light, such as the sun, is totally hidden from view. Also, it refers to the dark inner area of a sunspot.
- 8. A solar eclipse that occurs when the apparent size of the moon is not large enough to completely cover the sun. A thin ring of very bright sunlight remains around the black disk of the moon.
- 9. The effect seen in the few seconds just before and after totality of a total solar eclipse when there is a single point of sunlight brilliantly shining through a valley on the limb of the moon.
- 10. A solar eclipse seen from within the moon's umbra. The moon appears to completely block the sun's photosphere.
- 11. The part of a shadow -- as of the moon or Earth -- within which the source of light, such as the sun, is only partially blocked. Also, it refers to the lighter outer area of a sunspot.

Down

- 1. A solar eclipse which appears annular or total along different sections of its path.
- 2. The path (up to about 270 km or 168 miles wide) that the moon's shadow traces on Earth during a total solar eclipse.
- 3. A solar eclipse seen from within the moon's penumbra. The moon appears to block part -- but not all -- of the sun's photosphere.
- 4. The effect seen just before and just after totality when only a few points of sunlight are visible through valleys around the edge of the moon.
- 6. The period during a solar eclipse when the sun's photosphere is completely covered by the moon and the period for a lunar eclipse when the moon is in the complete shadow of Earth.
- 7. The upper atmosphere of the sun. It appears as a halo around the sun during a total solar eclipse.

Word Bank

TOTALITY
 BAILY'S BEADS
 PENUMBRA

ANNULAR ECLIPSE
 DIAMOND RING
 PATH OF TOTALITY

HYBRID ECLIPSE
 TOTAL SOLAR ECLIPSE
 CORONA

UMBRA
 PARTIAL SOLAR ECLIPSE